

Claims

1 An assembly comprising a fastener, a panel and a supporting structure to which the panel is detachably fastened by the fastener, the panel and supporting structure being formed with tapered holes which receive the fastener, the taper of one hole being a continuation of the taper of the other, and the fastener urging a tapered surface into the tapered holes in a non-jamming manner thereby locating the panel with respect to the supporting structure.

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2 An assembly according to claim 1 in which the fastener is positioned in the holes so as not to project beyond an external surface of the panel.

3 An assembly according to claim 1 or 2 in which the tapered surface is formed on the fastener itself.

4 An assembly according to claim 1 in which the tapered surface is formed on an element located in the tapered holes, and the fastener passing through the element to hold the element in place.

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5 An assembly according to claim 4 in which the element is of frusto-conical form.

6 An assembly according to any preceding claim in which the angle of taper of the holes and the angle of taper of the said tapered surface are the same.

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7 An assembly according to any preceding claim in which the angle of taper of the said tapered surface is in the range of 5° to 45° degrees.

8 An assembly according to claim 7 in which the angle of taper is
5 substantially 30 degrees.

9 An assembly comprising a fastener, a panel and a supporting structure, the assembly being constructed and arranged substantially as described herein with reference to the accompanying drawings.

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10 A fastener for fastening a detachable panel to a supporting structure, the panel and supporting structure being formed with tapered holes which receive the fastener, the taper of one hole being a continuation of the taper in the other, the fastener comprising a body having a tapered outer surface which is
15 arranged to locate in the tapered holes in a non-jamming manner and thereby position the panel with respect to the supporting structure.

11 A fastener for fastening a detachable panel to a supporting structure, the fastener being constructed and arranged substantially as described herein with
20 reference to the accompanying drawings.

12 An fastening means for fastening a detachable panel to a supporting structure, the fastening means comprising a tapered element and a fastener, the panel and supporting structure being formed with tapered holes which
25 receive the tapered element and the fastener, the taper of one hole being a continuation of the taper in the other, the tapered element comprising a body having a tapered outer surface and having a bore through which the fastener can be passed to secure the tapered element in the tapered holes and thereby position the panel with respect to the supporting structure.

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13 A fastening means for fastening a detachable panel to a supporting structure, the fastening means being constructed and arranged substantially as described herein with reference to the accompanying drawings.